

REMARKS

Claims 40-68 are active in this application. The claims in this application are drawn to non-elected Group I in the parent application U.S. serial no. 09/636,060. Support for these claims is found in Claims 1-4, 28 and 34 (Group I) and the specification on pages 17, 18, 19 and 26. No new matter is added.

For reference, the sequences of the N-acetylglucosamine-1-phosphotransferase described in the specification and provided in the Sequence Listing are summarized in the Table below:

| SEQ ID NO | TYPE         | Source     | Description   |
|-----------|--------------|------------|---|
| 1         | Amino acid   | Human      | $\alpha$ subunit  |
| 2         | Amino acid   | Human      | $\beta$ subunit   |
| 3         | Amino acid   | Human      | $\gamma$ subunit  |
| 4         | Nucleic acid | Human      | $\alpha/\beta$ cDNA<br>(nt 165-2948- $\alpha$ subunit<br>nt 2949-3932 $\beta$<br>subunit) |
| 5         | Nucleic acid | Human      | $\gamma$ subunit cDNA<br>(nt 96-941)  |
| 8         | Amino acid   | Mouse      | $\beta$ subunit   |
| 9         | Amino acid   | Mouse      | $\gamma$ subunit  |
| 10        | Nucleic acid | Mouse      | $\gamma$ subunit  |
| 15        | Amino acid   | Mouse      | $\alpha$ subunit  |
| 16        | Nucleic acid | Mouse      | $\alpha/\beta$ cDNA   |
| 11        | Amino acid   | Rat        | $\alpha/\beta$  |
| 12        | Nucleic acid | Rat        | $\alpha/\beta$ cDNA   |
| 13        | Amino acid   | Drosophila | $\alpha/\beta$  |
| 17        | Nucleic acid | Drosophila | $\alpha/\beta$ cDNA   |

The paper copy of the Sequence Listing in this application is identical to the computer readable Sequence Listing filed in parent application U.S. serial no. 09/636,060, which was filed October 10, 2000. In accordance with 37 CFR § 1.821 (e), please use the last-filed computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary

change in application number and filing date for the instant application. A paper copy of the Sequence Listing is attached.

The specification has been amended to include the deposit information for the hybridoma cell lines, which is supported by the confirmation of deposit obtained from the American Type Tissue Collection in Manassas, Virginia filed in the parent application.

An action on the merits and allowance of the claims is solicited.

Respectfully submitted,

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